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Applicant: **Jon A. Wolff,
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Group: **1636** MAY 25 2001
TECH CENTER 600/290
Examiner:
Sullivan

U.S. PATENT DOCUMENTS

| Exmnr Intl | Seq | Patent Number | Issue Date | Patentee | Class | Sub Class | Filing Date |
|---------------|-----|---------------|---------------|------------|-------|--------------|-------------|
| DS | 1 | 4,950,744 | 08/21/90 | Dattagupta | 536 | 27 | 03/18/87 |

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | | Document Number | Publ. Date | Country or Patent Office | Class | Sub Class | Transl. Yes No | |
|--|--|-----------------|---------------|-----------------------------|-------|--------------|-------------------|--|
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OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, etc.)

| | | |
|-----------|---|---|
| | | |
| DS | 2 | Chang, Alan G., Et al., "Gene Therapy: Applications to the Treatment of Gastrointestinal and Liver Diseases." <u>Gastroenterology</u> ; 1994; 106; pp. 1076-1084. |
| DS | 3 | Cheng, Sheue-yann, Et al., "A Versatile Method for the Coupling of Protein to DNA: Synthesis of a-Macroglobulin-DNA Conjugates." <u>Nucleic Acids Research</u> ; 1983; vol. 11, no. 3; pp. 659-669. |
| DS | 4 | Chowdhury, Namita Roy, Et al., "Fate of DNA Targeted to the Liver by Asialoglycoprotein Receptor-mediated Endocytosis <i>in Vivo</i> ." <u>The Journal of Biological Chemistry</u> ; May 25, 1993; vol. 236, No. 15, pp. 11265-11271. |
| DS | 5 | Leahy, Patrick, Et al., "Novel Biotinylated Plasmic Expression Vectors Retain Biological Function and Can Bind Streptavidin." <u>Bioconjugate Chem</u> ; 1996; 7; pp. 545-551. |

DSullivan

12/1/02

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|----|---|--|
| DS | 6 | Perales, Jose Carlos, Et al., "Gene Transfer <i>In Vivo</i> : Sustained Expression and Regulation of Genes Introduced Into the Liver by Receptor-Targeted Uptake." <u>Proc. Natl. Acad. Sci. USA, Medical Sciences</u> ; April 1994; vol. 91; pp. 4086-4090. |
| DS | 7 | Sperling, Joseph, Et al., "Photochemical Cross-Linking of Histones to DNA in Nucleosomes." <u>Nucleic Acids Research</u> ; August 1978; vol. 5, no. 8, pp. 2755-2773. |
| DS | 8 | Vanin, E.F., Et al., "Azicophenylglyoxal: A Heterobifunctional Photosensitive Reagent." <u>FEBS Letters</u> ; Feb. 1981; vol.124, no. 1; pp. 89-92. |
| DS | 9 | Zhang, Guofeng, Et al., "Efficient Expression of Naked DNA Intraarterially to Limb Muscles of Nonhuman Primates." <u>Human Gene Therapy</u> ; Mar.1, 2001; 12:000-000; pp. 427-438. |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next Action to applicant

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